

Application No.: 10/706791 Customer No. 25291  
Inventors: Christopher William Aston et al.  
Attorney Docket No.: AM101119  
Title: METHODS AND COMPOSITIONS FOR TREATING....

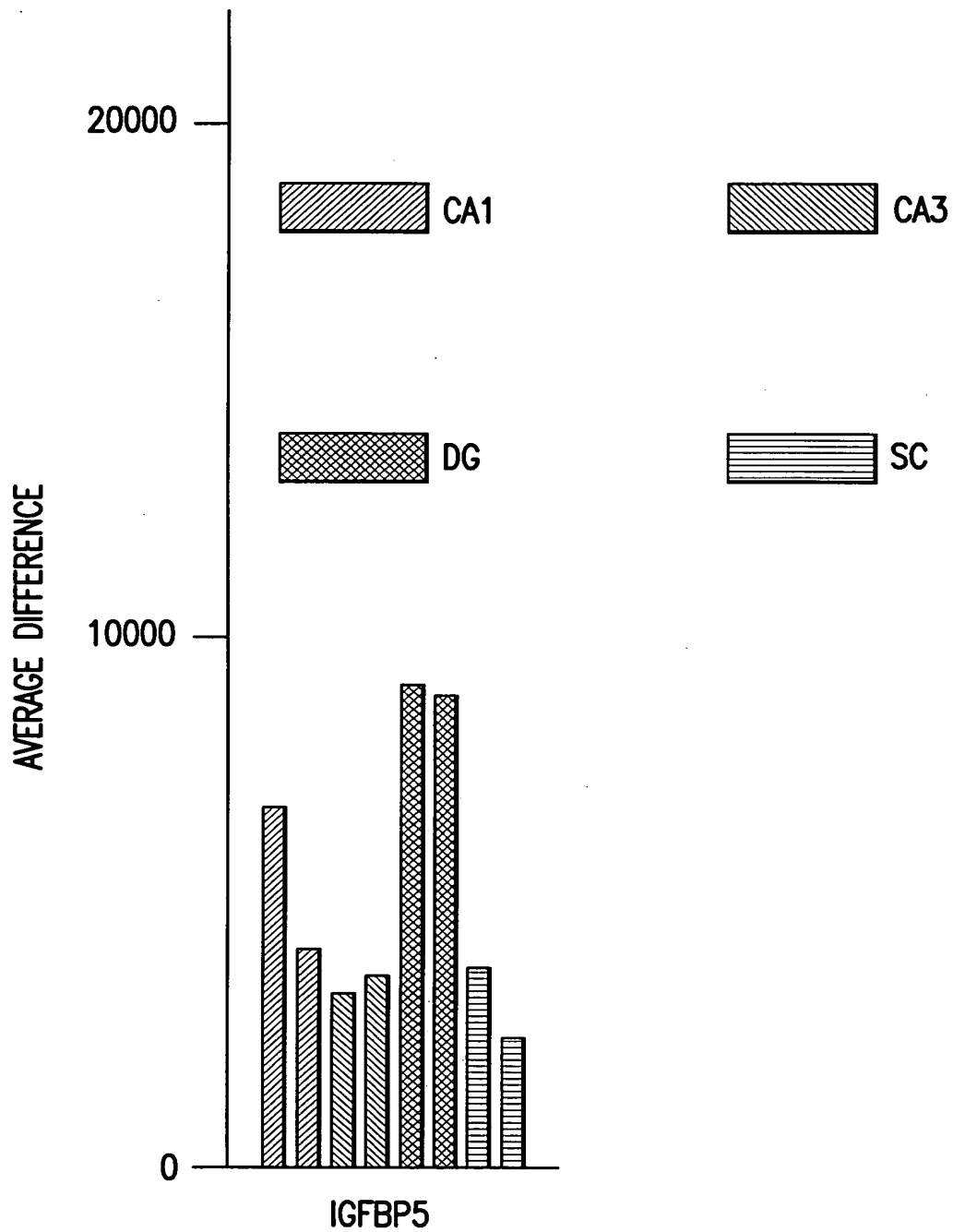


FIG.1

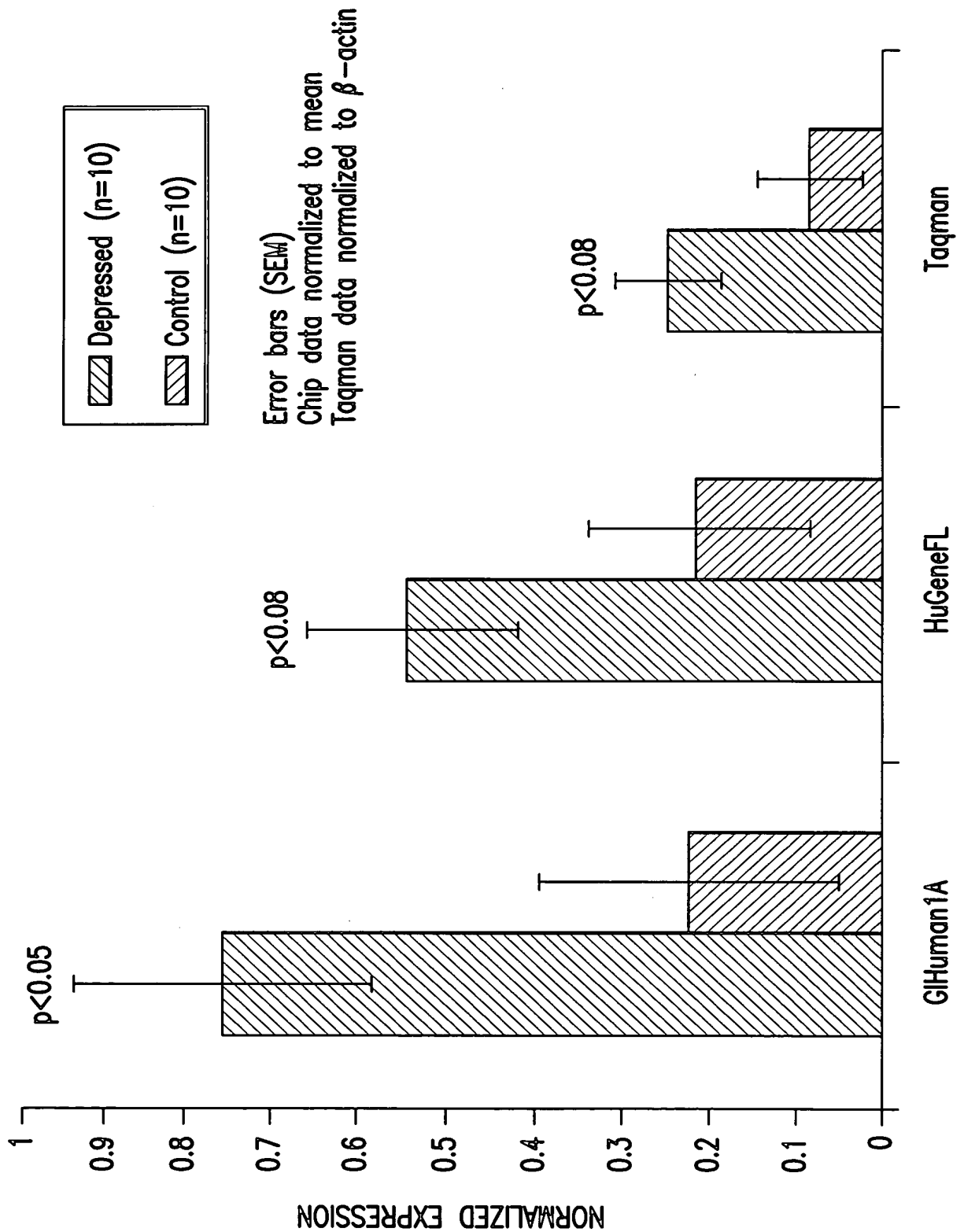


FIG.2

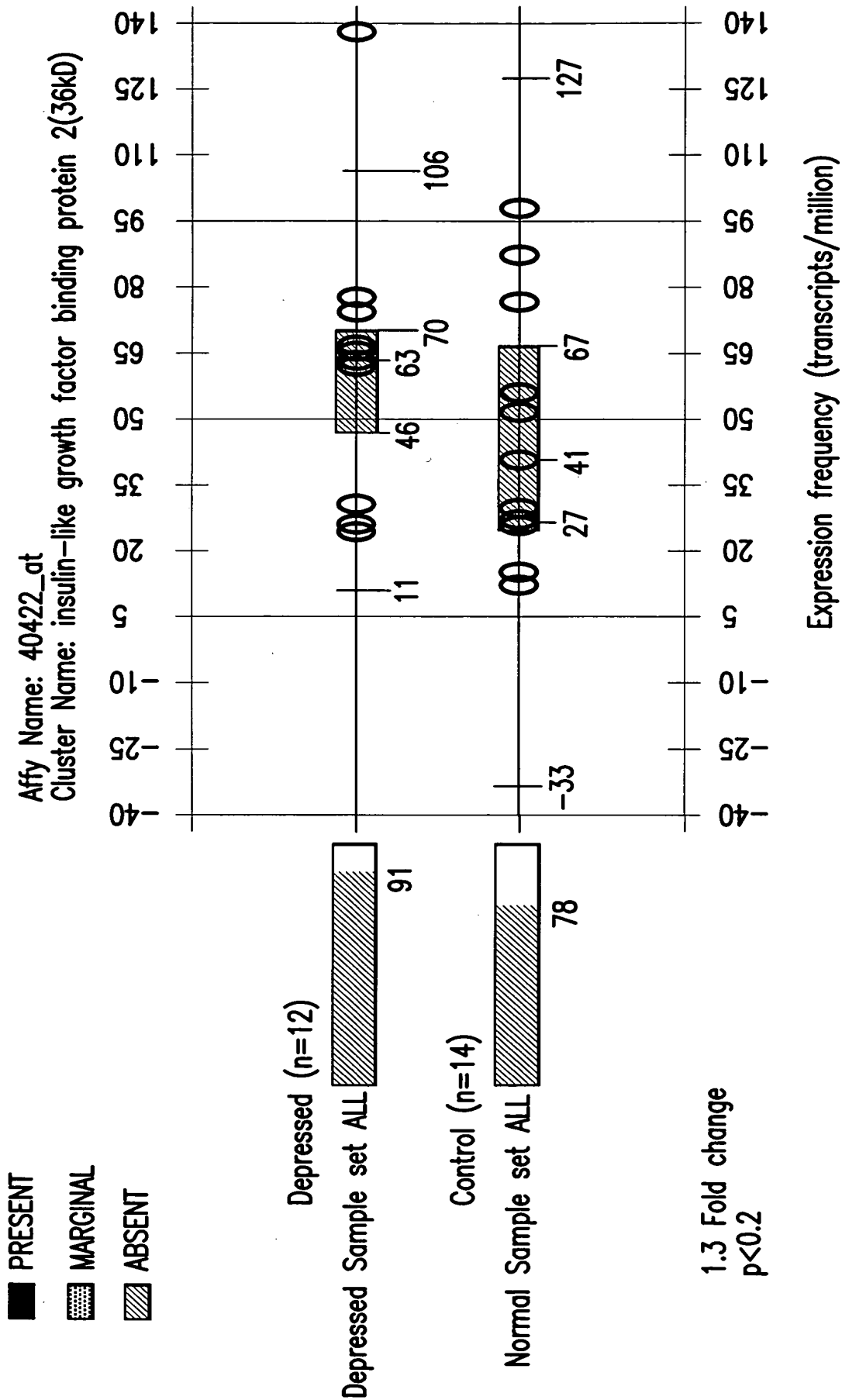


FIG.3

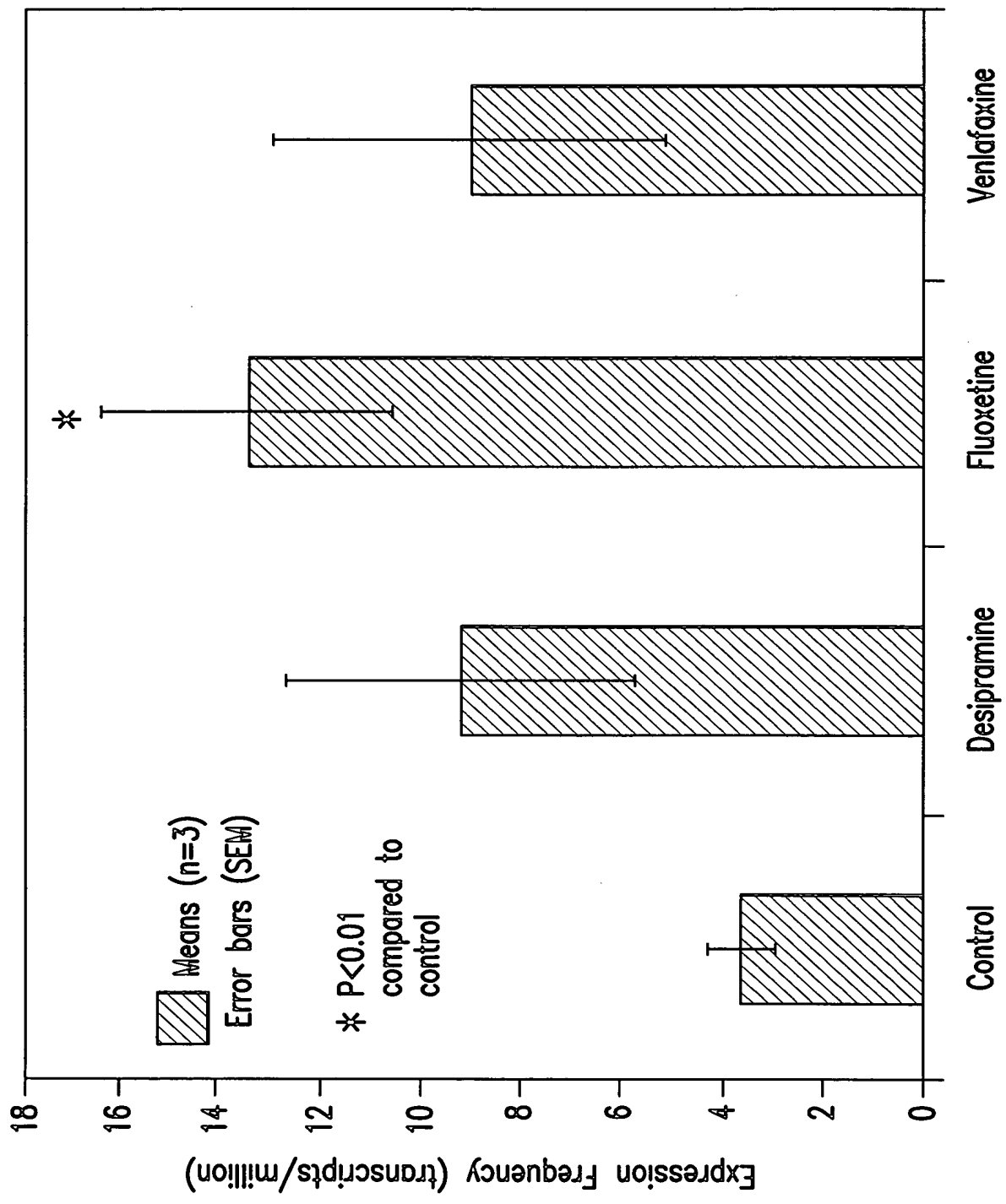


FIG.4

Original gel spot #	Protein Identity	Function	Venlafaxine (Fold change)	Fluoxetine (Fold change)	Accession#	MOWSE score	Protein Area Coverage	Mr/pl	Species
87	IGF-1 A precursor	GH is an important regulator of IGF-1 expression. Secreted/Growth-promoting activity.	2.9	2.5	<u>P08025</u>	7.07E+01	28%	17079/9.5	Rat

FIG.5

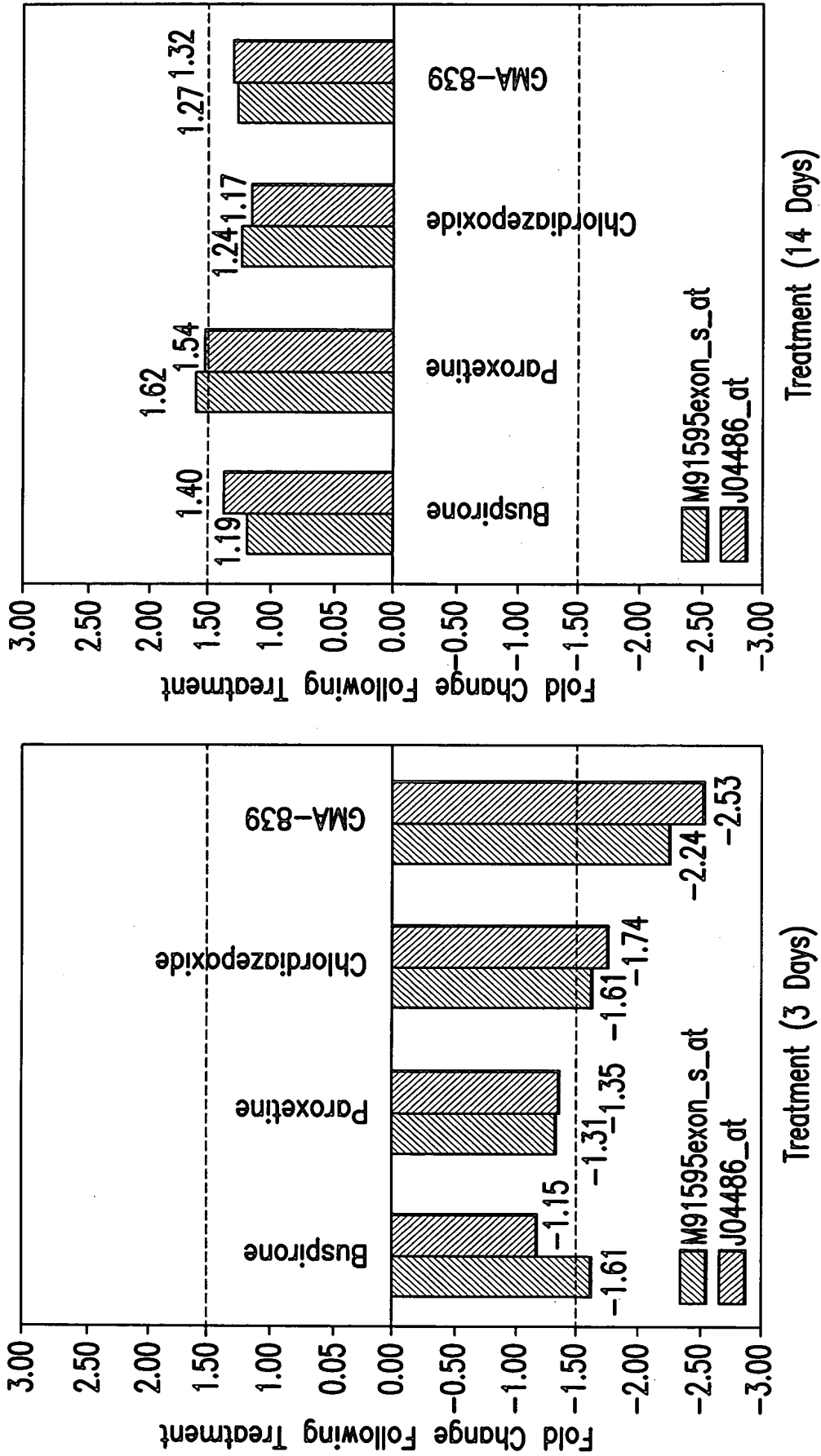


FIG.6

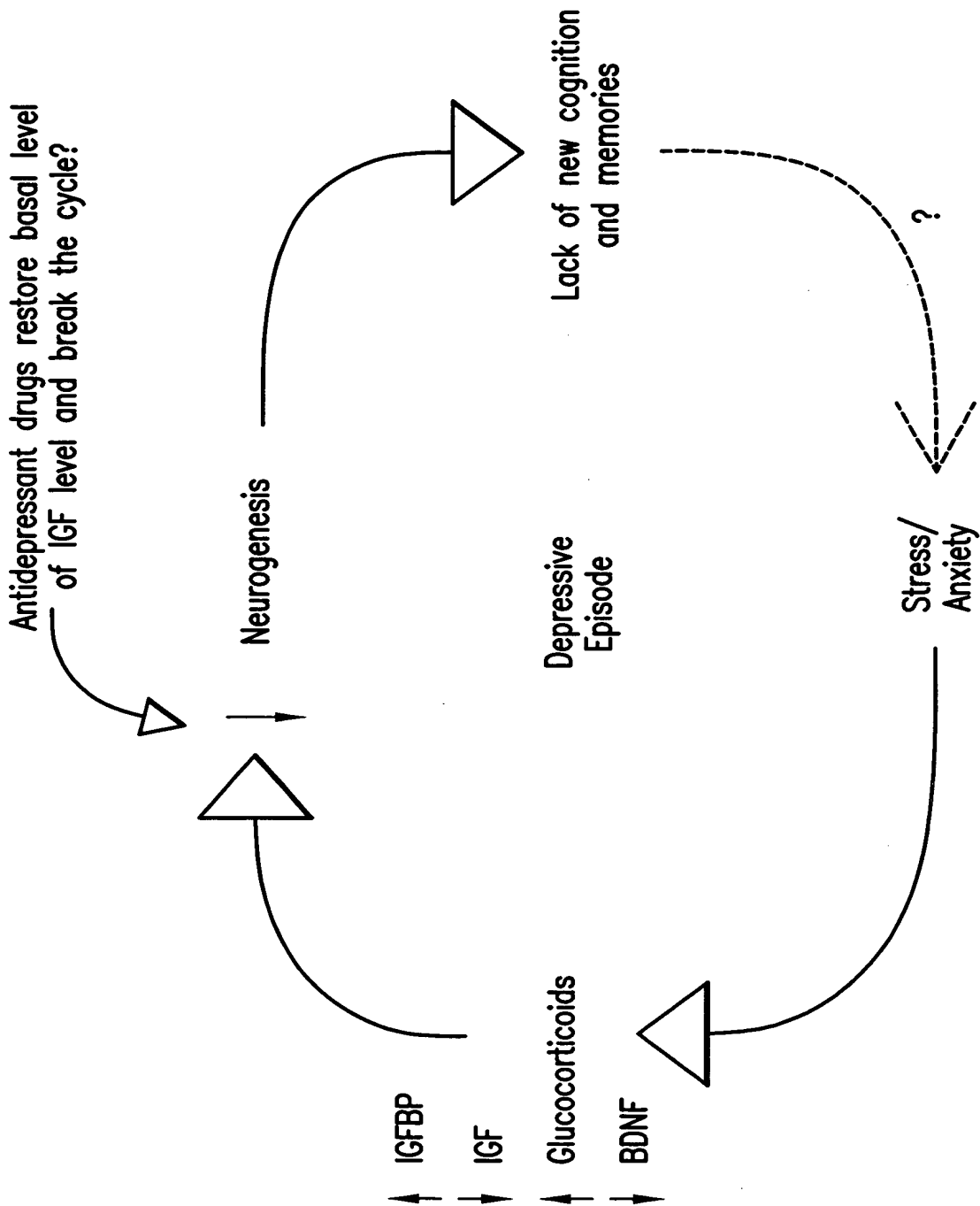


FIG. 7

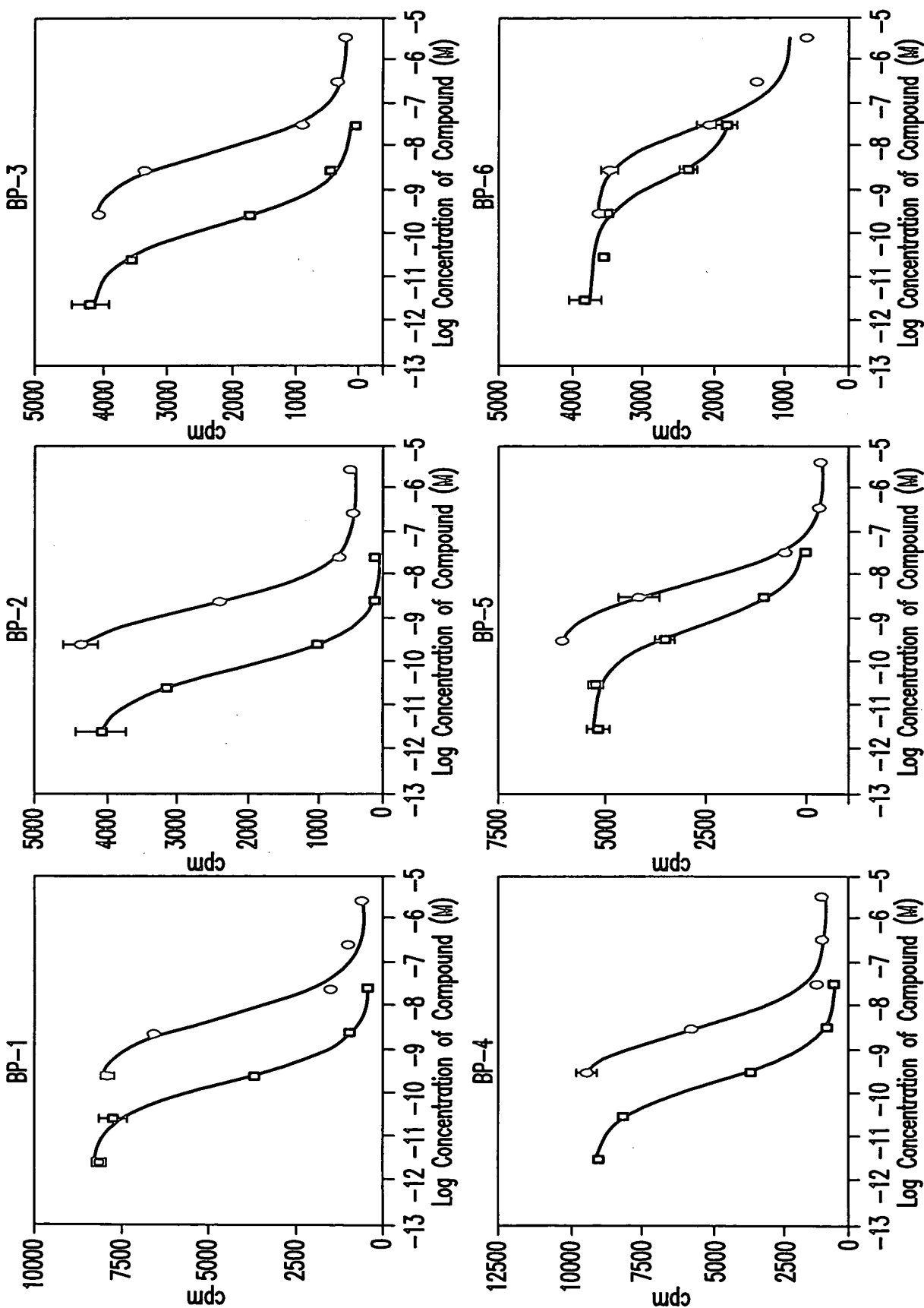


FIG. 8



1 50  
IGFBP3\_prote ~~~~MORAR PTLWAAALT LVLLRGPPVA RAGASSGGLG PVVRCEPCDA  
IGFBP5\_prote ~~~~MVLTA VLLLL...AA YAGPAQ.SLG SFVHCEPCDE  
IGFBP2\_prote MLPVVGCPAL PLPPPPILLPL LPLLLLLLLGA SGGGGGARAE VLFRCPPCTP  
IGFBP4\_prote ~~~~MLPL CLVAALLLAA ..GPGPSLGD EAIHCPPCSE  
IGFBP1\_prote ~~~~MLPL CLVAALLLAA ..GPGPSLGP EAIHCPPCSE  
IGFBP6\_prote ~~~~MSEVPVAR VWLVLLLLTV QVG...VTAG APWQCAPCSA  
IGFBP7\_prote ~~~~MTPHRLPPL LLLALLLAA SPG.....G ALARCPGCGQ

51 100  
IGFBP3\_prote RALAQCAPP .....AVCAE LVREPGCGCC LTCALSEGQP  
IGFBP5\_prote KALSMCPPSP .....LGC.E LVKEPGCGCC MTCALAEQQS  
IGFBP2\_prote ERLAACGPPP VAPPAVAAV AGGARMPCAE LVREPGCGCC SVCARLEGEA  
IGFBP4\_prote EKLARCRPP .....VGCEE LVREAGCGCC ATCAGLGMP  
IGFBP1\_prote EKLALCPP .....VSASCSE VTRSAGCGCC PMCALPLGAA  
IGFBP6\_prote GVQAGCP... ..GGCVEEED GGSPAEGCAE ...AEG.... ..CLRREGQE  
IGFBP7\_prote ~~~~

101 150  
IGFBP3\_prote CGIYTERCGS GLRCQSPDE ARPLQALLDG RGLCVNASAV SRLRAYLLPA  
IGFBP5\_prote CGVYTERCAQ GLRCLPRQDE EKPLHALLHG RGVCLNE... ..KSY....  
IGFBP2\_prote CGVYTPRCGQ GLRCYPHPS ELPLQALVMG EGTCEKRRDA EYG...ASPE  
IGFBP4\_prote CGVYTPRCGS GLRCYPPRGV EKPLHTLMHG QGVCMEL..A EIE...AIQE  
IGFBP1\_prote CGVATARCAR GLSCRALPGE QQPLHALTRG QGACVQESDA SAPHAAEAGS  
IGFBP6\_prote CGVYTPNCAP GLQCKPPKDD EAPLRALLLG RGRCLPAR... ..  
IGFBP7\_prote ~~~~

FIG.9A

151 200  
IGFBP3\_prote PPAPGNASES EEDRSAGSVE SPSVSS.THR VSDPK.FKPL HSKIIIIKKG  
IGFBP5\_prote .....REQV KIERDSREHE EPTTSEMAEE TYSPIFRPK HTRISELKAE  
IGFBP2\_prote QVADMGDDHS EGGLVENHVD STMNMLGGG SAGRKPLKSG MKELAVF...  
IGFBP4\_prote SLQPS...DKD EG.....D HPNNSFSPCS AHDRRLQ... .KHFAKI...  
IGFBP1\_prote PESPESTEIT EEELLDNFH. ....LMAPS EEDHSILWDA ISTYDGSKAL  
IGFBP6\_prote ..APAVAE... ..E NPKESKPQAG TA.....  
IGFBP7\_prote ~~~~~

201 250  
IGFBP3\_prote HAKDSQRYKV DYSEQSTDQ N.....FS SESKRETEYG PCRREMEDTL  
IGFBP5\_prote AVKKDRRKKL TQSKFVGGAE NTAHPRIISA PEMRQSESEQ PCRRHMEASL  
IGFBP2\_prote .....REKV TEQHRQMGKG GKHLGLEEP KKLRPPTART PCQQELDQVL  
IGFBP4\_prote .....RPRS T.....SG GKMKVNGAPR EDARVP.QG SCQSELHRAL  
IGFBP1\_prote HVTNIKKWK. ....E PCRIELYRVV  
IGFBP6\_prote .....RPQD VNRRDQQRNP GTSTTPSQPN SAGVQPTENG PCRRHLDLVL  
IGFBP7\_prote ~~~~~

251 300  
IGFBP3\_prote NHLKFLNVLS PRA..... VHIPNCDKKG FYKKKQCRPS KGRKRGFCWC  
IGFBP5\_prote QELKASPRMV PRA..... WYLPNCDRKG FYKRKQCKPS RGRKRIGICWC  
IGFBP2\_prote ERISTMRLPD ERGPLEHLYS LHIPNCDKHG LYNLKQCKMS LNGQRGECWC  
IGFBP4\_prote ERLAA...S QSRTHEDLYF IPIPNCDRNG NFHPKQCHPA LDGQRGKCWC  
IGFBP1\_prote ESLA...KA QETSGEETISK FYLPNCNKNG FYHSRQCETS MDGEAGLCWC  
IGFBP6\_prote QQL..... QTEVYRGAQT LVVPNCDHRG FYKRKQCRSS QGQRRGPCWC  
IGFBP7\_prote ~~~~~

FIG.9B

U. G. L.

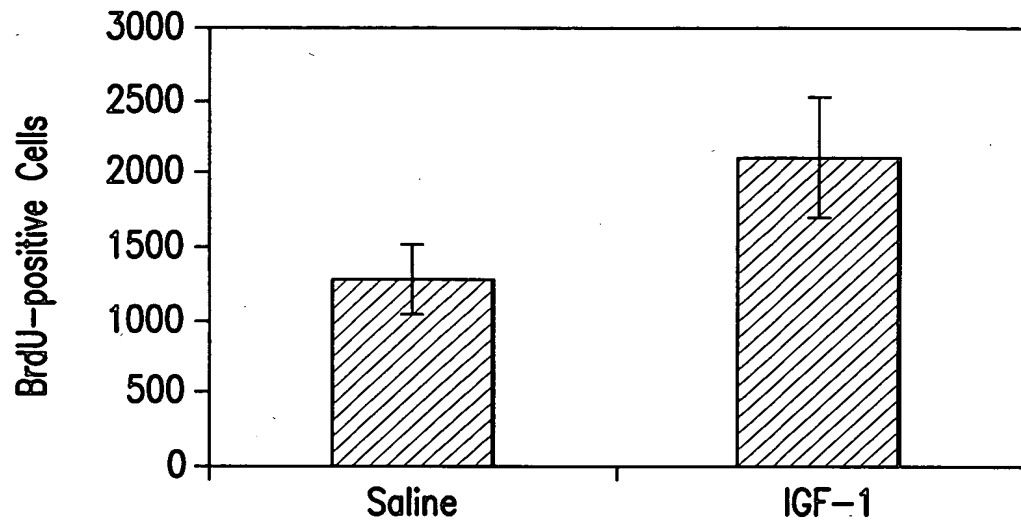


FIG.10